

SEQUENCE LISTING

<110> Khoja, Hamiduddin
Shyamala, Venkatakrishna

<120> Isolated VSHK-1 Receptor Polypeptides
and Methods of Use Thereof

<130> 2300-1544

<150> 60/107,112
<151> 1998-11-04

<150> 60/114,856
<151> 1999-01-06

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 1958
<212> DNA
<213> Homo sapiens

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aagaagatgt cagagaattt gcaaaagttt tcctccctgt attcctcaca atagtttcg	240
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gaacccaaac agatgtgtac atcctgaatt tggctgtgc agatttactc cttctattca	360
ctctgccttt ttgggctgtt aatgcagttc atgggtgggt ttttagggaaa ataatgtgca	420
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tggttttta tacagtaaat gacaatgcta ggtgcattcc cattttcccc cgctacctag	660
gaacatcaat gaaagcatg attcaaatgc tagagatctg cattggattt gtagtaccct	720
ttcttattat gggggtgtgc tacatttatca cagcaaggac actcatgaag atgccaaaca	780
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ccagctgcaa catgagcaa cgcattggaca tcgccccatcca agtcacagaa agcatcgac	960
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aactccaact atctttttc ctgtttttt taaatttta agtaatttta taaaatccac		1860
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<211> 350

<212> PRT

<213> Homo sapiens

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Lys Glu Asp Val Arg Glu Phe Ala Lys Val Phe Leu Pro Val Phe Leu			
35	40	45	
Thr Ile Val Phe Val Ile Gly Leu Ala Gly Asn Ser Met Val Val Ala			
50	55	60	
Ile Tyr Ala Tyr Tyr Lys Lys Gln Arg Thr Lys Thr Asp Val Tyr Ile			
65	70	75	80
Leu Asn Leu Ala Val Ala Asp Leu Leu Leu Phe Thr Leu Pro Phe			
85	90	95	
Trp Ala Val Asn Ala Val His Gly Trp Val Leu Gly Lys Ile Met Cys			
100	105	110	
Lys Ile Thr Ser Ala Leu Tyr Thr Leu Asn Phe Val Ser Gly Met Gln			
115	120	125	
Phe Leu Ala Cys Ile Ser Ile Asp Arg Tyr Val Ala Val Thr Lys Val			
130	135	140	
Pro Ser Gln Ser Gly Val Gly Lys Pro Cys Trp Ile Ile Cys Phe Cys			
145	150	155	160
Val Trp Met Ala Ala Ile Leu Leu Ser Ile Pro Gln Leu Val Phe Tyr			
165	170	175	
Thr Val Asn Asp Asn Ala Arg Cys Ile Pro Ile Phe Pro Arg Tyr Leu			
180	185	190	
Gly Thr Ser Met Lys Ala Leu Ile Gln Met Leu Glu Ile Cys Ile Gly			
195	200	205	
Phe Val Val Pro Phe Leu Ile Met Gly Val Cys Tyr Phe Ile Thr Ala			
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Arg Thr Leu Met Lys Met Pro Asn Ile Lys Ile Ser Arg Pro Leu Lys			
225	230	235	240
Val Leu Leu Thr Val Val Ile Val Phe Ile Val Thr Gln Leu Pro Tyr			
245	250	255	
Asn Ile Val Lys Phe Cys Arg Ala Ile Asp Ile Ile Tyr Ser Leu Ile			
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Thr Ser Cys Asn Met Ser Lys Arg Met Asp Ile Ala Ile Gln Val Thr			
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Glu Ser Ile Ala Leu Phe His Ser Cys Leu Asn Pro Ile Leu Tyr Val			
290	295	300	
Phe Met Gly Ala Ser Phe Lys Asn Tyr Val Met Lys Val Ala Lys Lys			
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Tyr Gly Ser Trp Arg Arg Gln Arg Gln Ser Val Glu Glu Phe Pro Phe			
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Asp Ser Glu Gly Pro Thr Glu Pro Thr Ser Thr Phe Ser Ile			
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<400> 3
actaccaaca ggttggtaact tta

23

<210> 4
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<400> 4
ctttgccatc tagagtggag cc

22

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<211> 82
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(82)
<223> n = A,T,C or G

<223> encodes synthetic peptide

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nsnnscggcc tccacctcca cc

60

82

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<211> 93
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(93).

<223> n = inosine

<223> encodes synthetic peptide

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60

93

<210> 7

<211> 36

<212> DNA

<213> Artificial Sequence

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<223> primer

<400> 7

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36

<210> 8

<211> 36

<212> DNA

<213> Artificial Sequence

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<223> primer

<400> 8

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36

<210> 9

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> mutagenic oligonucleotides

<400> 9

aaacttccttc atgaaaaagt c

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<210> 10

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> mutagenic oligonucleotides

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agaatagaaa ggttccacta aagga

25

<210> 11
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<210> 12
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<212> DNA
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<220>
<223> mutagenic oligonucleotides

<400> 12
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<220>
<223> primers

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tcgaaagcaa gctgataaac cg 22

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<220>
<223> primers

<400> 14
acagacagcc ctcatagttt gcg 23